

12/21/01  
JC961 U.S. PTO

12-27-01

Please type a plus sign (+) inside the circle → +

PTO/SB/05 (10-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. TI-32569

First Inventor Forster

Title Low Cost Area Array Probe for Circuits Having Solder-Ball Contacts Manufactured Using a Wire Bonding Machine

Express Mail Label No. EL904320720US

1050 10/02/05 2 PTO

12/21/01

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)

2.  Applicant claims small entity status.  
See 37 CFR 1.27.

3.  Specification [Total Pages 21]  
(preferred arrangement set forth below)

- Descriptive title of the invention
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4.  Drawing(s) (35 U.S.C. 113) [Total Sheets 4]

5. Oath or Declaration [Total Sheets 2]

a.  Newly executed (original or copy)

b.  Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)

i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).

6.  Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
- a.  Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i.  CD-ROM or CD-R (2 copies); or
- ii.  paper
- c.  Statements verifying identity of above copies

## /ACCOMPANYING APPLICATION PARTS

9.  Assignment Papers (cover sheet & document(s))  
37 CFR 3.73(b) Statement  Power of Attorney
10.  English Translation Document (if applicable)
11.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations
12.  Preliminary Amendment
13.  Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
14.  Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
15.  Request and Certification under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35  
or its equivalent.
16.  Other: .....
17.  Other: .....

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation  Divisional  Continuation-in-part (CIP)

of prior application No.: \_\_\_\_\_

Prior application information:

Examiner \_\_\_\_\_

Group Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label

23494

or  Correspondence address below

(Not recommended for attachments larger than one page.)

Name	Jackie Garner				
Address	Texas Instruments Incorporated P. O. Box 655474 M/S 3999				
City	Dallas	State	Texas	Zip Code	75265
Country	US	Telephone	972-917-5440	Fax	972-917-4418
Name (Print/type)	James C. Kesterson			Registration No. (Attorney/Agent)	25,882
Signature	<i>James C. Kesterson</i>			Date	21 Dec '01

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 954.00)

## Complete if Known

Application Number	TBD
Filing Date	Herewith
First Named Inventor	Forster, et al.
Examiner Name	
Group Art Unit	TBD
Attorney Docket No.	TI-32569

## METHOD OF PAYMENT

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number	20-0668
Deposit Account Name	Texas Instruments Incorporated
X	Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
	Applicant claims small entity status. See 37 CFR 1.27

2.  Payment Enclosed:

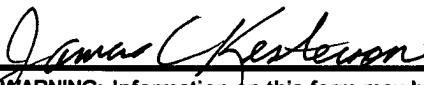
Check  Credit Card  Money Order  Other

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Fee Code	Large Entity Fee (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105	130	205	65 Surcharge – late filing fee or oath	
127	50	227	25 Surcharge – late provisional filing fee or cover sheet	
139	130	139	130 Non-English specification	
147	2,520	147	2,520 For filing a request for ex parte reexamination	
112	920*	112	920* Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840* Requesting publication of SIR after Examiner action	
115	110	215	55 Extension for reply within first month	
116	400	216	200 Extension for reply within second month	
117	920	217	460 Extension for reply within third month	
118	1,440	218	720 Extension for reply within fourth month	
128	1,960	228	980 Extension for reply within fifth month	
119	320	219	160 Notice of Appeal	
120	320	220	160 Filing a brief in support of an appeal	
121	280	221	140 Request for oral hearing	
138	1,510	138	1,510 Petition to institute a public use proceeding	
140	110	240	55 Petition to revive – unavoidable	
141	1,280	241	640 Petition to revive – unintentional	
142	1,280	242	640 Utility issue fee (or reissue)	
143	460	243	230 Design issue fee	
144	620	244	310 Plant issue fee	
122	130	122	130 Petitions to the Commissioner	
123	50	123	50 Processing fee under 37 CFR 1.17(q)	
126	180	126	180 Submission of Information Disclosure Stmt	
581	40	581	40 Recording each patent assignment per property (times number of properties)	40.00
146	740	246	370 Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370 For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370 Request for Continued Examination (RCE)	
169	900	169	900 Request for expedited examination of a design application	
Other fee (specify) _____				
*Reduced by Basic Filing Fee Paid				SUBTOTAL (3) (\$40.00)

\*\* or number previously paid, if greater. For Reissues, see above

SUBMITTED BY		Complete (if applicable)		
Name (Print/Type)	James C. Kesterson	Registration No. (Attorney/Agent)	25,882	Telephone 972-732-1001
Signature			Date 2/02/01	

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant commissioner for Patents, Washington, DC 20231.

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Forster

Art Unit: TBD

Serial No.: TBD

Examiner: TBD

Filed: Herewith

Docket: TI-32569

For: Low Cost Area Array Probe for Circuits Having Solder-Ball Contacts Manufactured  
Using a Wire Bonding Machine

**Certificate of Mailing via Express Mail**

**EXPRESS MAIL** mailing label number: EL904320720US

Date of Deposit: December 21, 2001

I hereby certify that the following documents, which are enclosed, are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: BOX: Patent Application, Assistant Commissioner for Patents, P.O. Box 2327, Arlington, VA 22202:

- Utility Patent Application Transmittal (1 page)
- Complete Copy of Patent Application (25 pages), to include:
  - Specification (21 pages)
  - Informal Drawings (4 pages)
- Declaration and Power of Attorney ( 2 pages)
- Assignment Recordation Cover Sheet (1 page)
- Copy of Original Signed Assignments ( 2 pages)
- Fee Transmittal (1 original and 1 copy)
- Two (2) Return Postcards

Respectfully submitted,



Nancy J. Todd  
Legal Assistant

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PATENT APPLICATION SERIAL NO. \_\_\_\_\_

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE  
FEE RECORD SHEET

12/28/2001 GGEBREA1 00000022 200668 10026052

01 FC:101 740.00 CH  
02 FC:102 84.00 CH  
03 FC:103 90.00 CH

PTO-1556  
(5/87)